

Abstract

The invention concerns a process and a device for the splicing of optical fibers.

At least one laser beam is directed to the optical fibers for the thermal splicing of at least two optical fibers. According to the invention, the position of an impingement point of each and every laser beam onto the optical fibers is periodically changed in the longitudinal direction of the optical fibers to be spliced for the impact of the power density profile onto the optical fibers to be spliced.

Fig. 1